Attorney Docket No4035-0177PUS1

#### BIRCH, STEWART, KOLASCH & BIRCH, LLP

PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

# COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

|   | mvemon emuea.  |              |                                       |                        |                  |             |  |  |
|---|--|--------------|---------------------------------------|------------------------|------------------|-------------|--|--|
| insert Title:                                       | MICROSTRIP ANTENNA AND CLOTHES ATTACHED WITH THE SAME  |              |                                       |                        |                  |             |  |  |
| Fill in Appropriate                                 | the specification of which is attached hereto. If not attached hereto, the application is identified by the attorney docket number as set forth above and/or the following:  The specification was filed onas  |              |                                       |                        |                  |             |  |  |
| For Use Without                                     |  |              |                                       |                        |                  |             |  |  |
| Specification                                       | and amended on   |              |                                       |                        |                  |             |  |  |
| Attached:   | the specification was filed on October 27, 2003 as PC International Application Number PCT/JP03/013763 and was   |              |                                       |                        |                  |             |  |  |
|   | aniended on  |              |                                       |                        | (if applicable)  |             |  |  |
|   |  |              |                                       |                        |                  |             |  |  |
|   | I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.  I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.  I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment of the claims, as amended by any amendment of the claims, as a manufactured by any amendment of the claims, as a manufactured by any amendment of the claims, as a manufactured by any amendment of the claims, as a manufactured by any amendment of the claims, as a manufactured by any amendment of the claims, as a manufactured by any amendment of the claims, as a manufactured by any amendment of the claims, as a manufactured by any amendment referred to above.   |              |                                       |                        |                  |             |  |  |
|   | Regulations, §1.56.  I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representative or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows.  I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:  Prior Foreign A Policytion(s) |              |                                       |                        |                  |             |  |  |
|   | Prior Foreign App  | plication(s) | den on which phoney is ch             | Priority Claimed       |                  |             |  |  |
| insert Priority<br>Information:                     |  |              |                                       |                        |                  | ₽           |  |  |
| (if appropriate)                                    | (Number)   | (Country)    |                                       | (Month/Day/Year Filed) | Yes              | No          |  |  |
|   | •  | •            |                                       | , , ,                  |                  | _           |  |  |
|   | (Number)   | (Country)    | \                                     | (Month/Day/Year Filed) | ∐<br>Yes         | ∐<br>No     |  |  |
|   | (ivalitibely   | (Country)    | •                                     | (Mondy Day) real race) |                  |             |  |  |
|   | (Number)   | (Country)    | 1                                     | (Month/Day/Year Filed) | □<br>Yes         | No          |  |  |
|   | (Number)   | (Country)    | · · · · · · · · · · · · · · · · · · · | (Month/Day/Year Filed) | □<br>Yes         | □<br>No     |  |  |
|   | I hereby claim the benefit under Title 35, United States Code, \$119(e) of any United States provisional applications(s) listed below.   |              |                                       |                        |                  |             |  |  |
| insert Provisional<br>Application(s):<br>(if any)   | (Application Numb  | er)          | ·                                     | (Filing Date)          | <del> </del>     | <del></del> |  |  |
|   | (Application Number) (Filing Date)   |              |                                       |                        |                  |             |  |  |
|   | All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:  |              |                                       |                        |                  |             |  |  |
|   | Country  |              | Application Number                    | Date of Filing (Mor    | nth/Day/Year)    |             |  |  |
| insert Requested<br>information:<br>if appropriate) |  |              |                                       |                        |                  |             |  |  |
|   | I hereby claim the benefit under Title 35, United States Code, \$120 of any United States and/or PCT application(s), including for continuation-in-part application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, \$112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, \$1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.   |              |                                       |                        |                  |             |  |  |
| Insert Prior U.S.<br>Application(s):                | (Application Numb  | er)          | (Filing Date)                         | (Status - patented,    | pending, abandon | ed)         |  |  |
| (if any)  |  |              |                                       |                        |                  |             |  |  |
| Page 1 of 2<br>(Rev. 05/2004)                       | (Application Numb  | er)          | (Filing Date)                         | (Status - patented,    | pending, abandon | ed)         |  |  |

Attorney Docket No. 935-0177PUS1

I hereby appoint the practitioners at CUSTOMER NO. 02292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

### CUSTOMER NO. 02292 (BIRCH, STEWART, KOLASCH & BIRCH, LLP)

Telephone: (703) 205-8000 •

Facsimile: (703) 205-8050

PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING:

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

|  | GIVEN NAME/FAMILY NAME   | INVENTOR'S SIGNATURE                            |             | (DATE*        |  |
|--|--|---|-------------|---------------|--|
| Jame of First Sole Inventor: Name of yother  Duto This cornect is Signed | MASATO TANAKA  | Sasoto Canaha                                   | . )         | May 10, 2006/ |  |
| nacri Residence  | Residence (City, State & Country)  |   | CITIZENSHI  | P             |  |
| Cilbrnship →   | Tokyo, JAPAN   |   | JAPAN       |               |  |
| PostOffice<br>dries →  | MAILING ADDRESS (Complete Street Address c/o NATIONAL INSTITUTE OF INFORMAT ADMINISTRATIVE AGENCY, 4-2-1, Nukui  | ECHNOLOGY, INDEPENDENT<br>Fokyo 184-0015, Japan |             |               |  |
| ell Name of Sownd<br>Inventor, If uny:<br>see above                      | GIVEN NAME/FAMILY NAME   | INVENTOR'S SIGNATURE                            | , ,         | DATE*         |  |
|  | JAB-HYEUK JANG   |   | (           |               |  |
|  | Residence (City, State & Country)  |   | CITIZENSHI  | ,             |  |
|  | Tokyo, JAPAN   |   | Republic o  | of Korea      |  |
|  | MAILING ADDRESS (Complete Street Address including City, State & Country) c/o NATIONAL INSTITUTE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY, INDEPENDENT ADMINISTRATIVE AGENCY, 4-2-1, Nukui-Kitamachi, Koganei-shi, Tokyo 184-0015, Japan |   |             |               |  |
| ill Name of Third<br>Inventor, if any:<br>see above                      | GIVEN NAME/FAMILY NAME   | INVENTOR'S SIGNATURE                            |             | DATE*         |  |
|  | Residence (City, State & Country)  |   | CITIZENSHII | ,             |  |
|  | MAILING ADDRESS (Complete Street Address   | including City, State & Country)                |             |               |  |
| ell Nuese of Evurth<br>breenker, if any:<br>sen above                    | GIVEN NAME/FAMILY NAME   | INVENTOR'S SIGNATURE                            |             | DATE*         |  |
|  | Residence (City, State & Country)  |   | CITIZENSHII |               |  |
|  | MAILING ADDRESS (Complete Street Address including City, State & Country)  |   |             |               |  |
| all Name of Fifth<br>Inventor, if any:                                   |  |   |             |               |  |
| entor, if any:   | GIVEN NAME/FAMILY NAME   | INVENTOR'S SIGNATURE                            |             | DATE*         |  |
|  |  | INVENTOR'S SIGNATURE                            |             |               |  |
| entor, if any:   | GIVEN NAME/FAMILY NAME  Residence (City, State & Country)  | INVENTOR'S SIGNATURE                            | CITIZENSHII |               |  |
| entor, if any:   |  |   | CTITZENSHII |               |  |
| entor, if any:   | Residence (City, State & Country)  |   | CTTIZENSHII |               |  |
| enhar, if any: san abeus  san abeus  banna of Sexith  reduct [f any:     | Residence (City, State & Country)  MAILING ADDRESS (Complete Street Address  | including City, State & Country)                | CITIZENSHII | DATE*         |  |

Page 2 of 2 (Rev. 05/2004)

\*DATE OF SIGNATURE

Attorney Docket No.4035-0177PIIS1

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| Insert Title:  | MICROSTRIP ANT   | MICROSTRIP ANTENNA AND CLOTHES ATTACHED WITH THE SAME |                             |               |                     |                              |             |  |
|--|--|---|-----------------------------|---------------|---------------------|------------------------------|-------------|--|
| Fill in Appropriate                                  | the specification of which is attached hereto. If not attached hereto, the application is identified by the attorney docket number as set forth above and/or the following:  |   |                             |               |                     |                              |             |  |
| Information -  | The specification  |   |                             |               |                     |                              | as          |  |
| For Use Without                                      | United States A  |   |                             |               |                     |                              | ;           |  |
| Specification<br>Attached:                           | and amended on   |   |                             |               |                     | (if applicable) and/or       |             |  |
|  | the specification was filed on October 27, 2003  |   |                             |               | <del></del>         |                              | _ as PCT    |  |
|  | International Application Number PCT/JP03/013763 amended on  |   |                             |               |                     | ; and was<br>(if applicable) |             |  |
|  |  |   |                             |               |                     |                              |             |  |
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|  | a filing date before the<br>Prior Foreign Appl   | me or one of by                                       | cation on which priority is | claimed:      | man patent          | Priority (                   |             |  |
| Insert Priority                                      |  |   |                             |               |                     |                              | <b>₽</b>    |  |
|  | (Number)   | (Countr   | <u>v)</u> .                 | (Month/Day/Ye | ar Filed)           | ⊔<br>Yes                     | No          |  |
| Information:<br>(If appropriate)                     | (,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,  | (-0   | 117                         | (             | ,                   | _                            |             |  |
|  | at   |   |                             | 04-11-1014    | T1- A               |                              |             |  |
|  | (Number)   | (Countr   | <b>y</b> )                  | (Month/Day/Ye | ear Filed)          | Yes                          | No          |  |
|  | ·  |   |                             | <del></del>   |                     |                              |             |  |
|  | (Number)   | (Countr   | y)                          | (Month/Day/Ye | ear Filed)          | Yes                          | No          |  |
|  |  |   |                             |               |                     |                              |             |  |
|  | (Number)   | (Countr   | <del>y)</del>               | (Month/Day/Ye | ear Filed)          | Yes                          | No          |  |
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|  | I horaby camerane oc.  |   |                             | ,,,           | ,                   | FF(-,                        |             |  |
| Insert Provisional<br>Application(s):<br>(if any)    | (Application Number  | )   |                             | (Filing Date) |                     | •                            | <del></del> |  |
|  | (Application Number)   |   |                             | (Filing Date) |                     |                              |             |  |
|  | All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:  |   |                             |               |                     |                              |             |  |
|  | Country  |   | Application Number          | De            | te of Filing (Month | /Day/Year)                   |             |  |
| Insert Requested<br>Information:<br>(If appropriate) |  |   |                             |               | ,                   |                              |             |  |
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| Insert Prior U.S.<br>Application(s):                 | (Application Number  | <u> </u>  | (Filing Date)               | <u> </u>      | atus - patented, pe | nding, abandon               | <br>ed)     |  |
| (if any)   | (* sharanou 14 aume)   | •   | 4 mil sawl                  | (Si           | pusting pe          |                              | /           |  |
| Page 1 of 2<br>(Rev. 05/2004)                        | (Application Number  | 7)  | (Filing Date)               | (Si           | atus - patented, pe | nding, abandon               | ed)         |  |
|  |  |   |                             |               |                     |                              |             |  |

Attorney Docket No. 4035-0177PUS1

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I hereby appoint the practitioners at CUSTOMER NO. 02292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

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| ull Name of First<br>or Spir Investor:  | GIVEN NAME/FAMILY NAME   | INVENTOR'S SIGNATURE                  |             | (DATE     |  |  |
|---|--|---------------------------------------|-------------|-----------|--|--|
| ell Name of First or Sole Investor: near Name of Investor — near Data This Decement is Signad | MASATO TANAKA  |                                       |             | <b>N</b>  |  |  |
| recent Residence  | Residence (City, State & Country)  | * *                                   | CITIZENSH   | P         |  |  |
| neart Citizenship →   | Tokyo, JAPAN   |                                       | JAPAN       |           |  |  |
| neart Post Office<br>Address →  | MAILING ADDRESS (Complete Street Address including City, State & Country) c/o NATIONAL INSTITUTE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY, INDEPENDENT ADMINISTRATIVE AGENCY, 4-2-1, Nukui-Kitamachi, Koganei-shi, Tokyo 184-0015, Japan |                                       |             |           |  |  |
| ell Namo of Socond<br>brevelor, 16 any:<br>sea abous  | GIVEN NAME/FAMILY NAME   | INVENTOR'S SIGNATURE                  | 7           | DATE*     |  |  |
|   | JAE-HYEUK JANG   | Jae-Hyenk Jan                         | 9-1         | 5/23/2006 |  |  |
|   | Residence (City, State & Country)  |                                       | CITIZENSHI  | P         |  |  |
|   | Tokyo, JAPAN   | Republic of Korea                     |             |           |  |  |
|   | MAILING ADDRESS (Complete Street Address including City, State & Country) c/o NATIONAL INSTITUTE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY, INDEPENDENT ADMINISTRATIVE AGENCY, 4-2-1, Nukui-Kitamachi, Koganei-shi, Tokyo 184-0015, Japan |                                       |             |           |  |  |
| all Name of Third<br>Inventor, if any:<br>100 above   | GIVEN NAME/FAMILY NAME   | INVENTOR'S SIGNATURE                  |             | DATE*     |  |  |
|   | Residence (City, State & Country)  |                                       | CITIZENSHI  | P         |  |  |
|   | MAILING ADDRESS (Complete Street Adda  | ress including City, State & Country) | . I         |           |  |  |
| ell Name of Fourth<br>brevator, if ony:<br>soo above  | GIVEN NAME/FAMILY NAME   | INVENTOR'S SIGNATURE                  |             | DATE*     |  |  |
|   | Residence (City, State & Country)  |                                       | CTTIZENSHI  | P         |  |  |
|   | MAILING ADDRESS (Complete Street Address including City, State & Country)  |                                       |             |           |  |  |
| rll Name of Fifth<br>Inventor, If any:<br>900 obows   | GIVEN NAME/FAMILY NAME   | INVENTOR'S SIGNATURE                  | <del></del> | DATE*     |  |  |
|   | Residence (City, State & Country)  |                                       | CTTIZENSHI  | P         |  |  |
|   | MAILING ADDRESS (Complete Street Address including City, State & Country)  |                                       |             |           |  |  |
| ill Nume of Shuh<br>Inventor, if any:<br>see above  | GIVEN NAME/FAMILY NAME   | INVENTOR'S SIGNATURE                  |             | DATE*     |  |  |
|   | Residence (City, State & Country)  |                                       | CITIZENSHI  | P         |  |  |
|   | MAILING ADDRESS (Complete Street Address including City, State & Country)  |                                       |             |           |  |  |
|   | <u> </u>   |                                       |             |           |  |  |

Page 2 of 2 (Rev. 05/2004)

\*DATE OF SIGNATURE